

## Charge safely and efficiently

Charging a battery should be simple and safe. In order to deliver safe and effective charging, it requires a charger of which high quality is the result of well-developed solutions.

Swede Electronics has since the start of its business in 1982 been known to develop well thought through solutions with focus on our customers' needs and requirements. Over the years we have been at the forefront of technical advancement.

We believe that our high standards and our way of working is the reason to why we today are known as a company that offers the right product at the right time.

NEO benefits include:

- » Modern design in aluminum extruded Cabinet
- » Build-in data logger
- » Smart Phone App
- » Free programmable
- » Can recharge very flat batteries
- » Noiseless – no fan
- » Temperature compensated charging



- more than battery charging

The NEO series consists of 2 programmable battery chargers with 8 A and 10 A charging current respectively meant for 12 V and 24 V battery systems.

The 2 models are delivered in a robust aluminum cabinet with handles on the top.

The products are programmable and can therefore be adapted to basically all battery types, and at the same time it is possible to store and read out charging data for further processing, using the special Smart Phone App.

It can be advantageously supplied with an internal temperature sensor, which means that the charging program always charges the battery effectively without the risk of over or under charging.

The high security of the charger is achieved through advanced technology. Not least, the charging cables are voltage-free until the battery is securely connected, eliminating the risk of sparking during switching on.

Thanks to a fully automatic charging process and precise control of power and voltage levels, we can guarantee that the batteries are charged efficiently with minimal gas and heat generation. Fully discharged batteries are charged with a soft start at low power.

## Technical data

Type	NEO 8 A	NEO 10 A
<b>Charging current</b>	8 A	10 A
<b>Charging voltage</b>	24 V 12 cells	24 V 12 cells
<b>Recommended battery capacity</b>	AGM / Gel 30 - 80 Ah	AGM / Gel 50 - 100 Ah
<b>Input voltage</b>	230 VAC, 50 Hz	230 VAC, 50 Hz
<b>Charging programme</b>	Programmable	Programmable
<b>Start up voltage</b>	8 V	8 V
<b>Temperature compensated charging</b>	Option -20°C - +50°C	Option -20°C - +50°C
<b>Data logger</b>	Yes	Yes
<b>User interface</b>	LED + App	LED + App
<b>Temperature range</b>	0°C - +40°C	0°C - +40°C
<b>Cable</b>	1.6 m	1.6 m
<b>Weight</b>	2.8 kg	3.0 kg
<b>Dimensions (HxWxD)</b>	235 mm x 215 mm x 90 mm	250 mm x 215 mm x 90 mm
<b>Safety</b>	Short circuit protection, Thermal shut down, Reverse polarity protection	
<b>Cooling</b>	Passive, no fan	
<b>Isolation class</b>	II	
<b>Casing class</b>	IP54	
<b>Standard</b>	EN60335-2-29, EN12184, ISO7176-14, ISO7176-21	

Materials and specifications are subject to change without notice

Head Quarter:  
Swede Electronics AB  
Fabriksvägen 8, SE-786 33 Vansbro  
Tel.: +46 281-304 00

Contact:  
Web: [www.swedeelec.se](http://www.swedeelec.se)  
E-Mail: [info@swedeelec.se](mailto:info@swedeelec.se)

Sales Office Europe:  
Swede Electronics A/S  
Birkmosevej 13B, DK-6950 Ringkøbing  
Tel.: +45 76 20 66 66